

Strengthening the Scientific Basis for Chemical Safety Assessments

Environmental Protection Agency
109 T.W. Alexander Drive
Research Triangle Park, NC
Room C-111A

July 15, 16 2015

Purpose of the workshop: attendees will identify two or three high priority topic areas representing the greatest opportunities for reducing uncertainty and improving human health risk assessments for chemicals. For these priority areas attendees will go on to characterize: 1) specific research that EPA and NIEHS can invest in to improve our scientific understanding for these topic areas and 2) concrete suggestions for ways to translate the existing and future scientific research into improved approaches to assessing chemical risks to public health. The workshop will begin with several presentations illustrating and providing background for key topic areas in risk assessment, including accounting for exposures during critical developmental windows, capturing variability in population susceptibility, translating experimental animal findings to humans, and appreciating cumulative exposures.

Day I – July 15, 2015

Morning Opening Session: Welcome

10:00- 11:00

Jim Jones
Linda Birnbaum
Tom Burke

Goals and Charge to the Workshop:

11:00- 11:15

David Dix

Example of the challenge- human health effects of environmental exposures

11:15- 12:00

Phthalates and male reproductive health: a brief overview of the human data

Russ Hauser

Lunch

12:00- 1:00

Perspectives on the issues-

1:00- 1:45

Endocrine Sensitive Endpoints and Low Dose Effects

Laura Vandenberg

2:00- 2:45

Approaches to Cumulative Risk

Martyn Smith

Day I – July 15, 2015 (continued)

Charge for the Breakouts

3:00- 3:15

Tina Bahadori

Breakout session 1

3:30- 5:30

Identifying the highest priority areas or sources of uncertainty- generating a range of options

Group A

M Smith *chair*
T Woodruff *rapporteur*
T Bahadori *facilitator*
L Styles *notes*

Group B

L Vandenberg *chair*
K Boekelheide *rapporteur*
D Dix *facilitator*
B Wooge *notes*

Group C

D Dorman *chair*
K Guyton *rapporteur*
J Bucher *facilitator*
B Zukowski *notes*

R Morello-Frosch
D Jones
T Webster
P Breysee
A Salmon

R Hauser
G Prins
C Gennings
S Schrader

S Beauvais
T Zoeller
B Blumberg
P Hunt

T Burke
M. Devito
M Heacock
J Housenger
S Barone
W Jordan
J Orme-Zavaleta

L. Birnbaum
N Walker
J Heindel
K Crofton
J Morris
J Vandenberg
A Lowit
E Cohen Hubal
M Gwinn

R Kavlock
R Paules
W Benson
P Preuss
W Cleland-Hamnett
D Vogel
K Deener

Dinner (reservation made at Mez, please sign up at registration) **7:00**

Day 2 – July 16, 2015

Breakout Session 2

8:30- 10:00

Refinement of priority areas or sources of uncertainty- deriving consensus priorities

Break

10:00- 10:30

Breakout Session 3

10:30- 12:30

Identify research needs to address identified priorities and translate into practice

Lunch

12:30 – 1:15

Chairs/Rapporteurs/Facilitators finalize recommendations

1:15- 2:30

Breakout Session Reports and Discussion

2:30-4:30

Tracey Woodruff

K Boekelheide

Kate Guyton

Wrap-up and Adjourn

4:30 – 5:15

Linda Birnbaum

Tom Burke

Jim Jones